

11. An arrangement according to claim 9 or claim 10, in which the viewing screen is on an incline and a mask in the optical path trims the image to fit the inclined viewing screen.

12. An arrangement according to any one of claims 1 to 8, comprising a microscope arrangement of which an eye-piece is situated in the console at the viewing position.

13. An arrangement according to claim 11, the microscope arrangement comprising a reflected light arrangement.

14. An arrangement according to claim 11 or claim 12, the microscope arrangement comprising a transmitted light arrangement.

15. An arrangement according to any one of claims 1 to 13, adapted for observation of crystal melting and formation comprising a warm air jet arrangement operable from the console to direct warm air at a crystal specimen in the specimen position to melt the same.

16. An arrangement according to any one of claims 1 to 14, comprising a live specimen chamber comprising a microscope slide with a specimen region surrounded by a wall of material which is oxygen - but not water -permeable and topped with a cover slip.

17. An arrangement according to claim 15, in which the wall does not completely surround the specimen area, there being a removable closure.

18. An arrangement according to any one of claims 1 to 16, comprising a live specimen chamber with food, water and air supply means for the chamber.

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